



icbi

THE INNOVATION CENTER FOR BIOMEDICAL INFORMATICS

G-DOC *Plus* Tutorial

How to view detailed clinical report

Email: gdoc-help@georgetown.edu

Innovation Center for Biomedical Informatics
Georgetown University

Overview

- Register
- Login
- Navigation
- How to view detailed clinical report

First time user



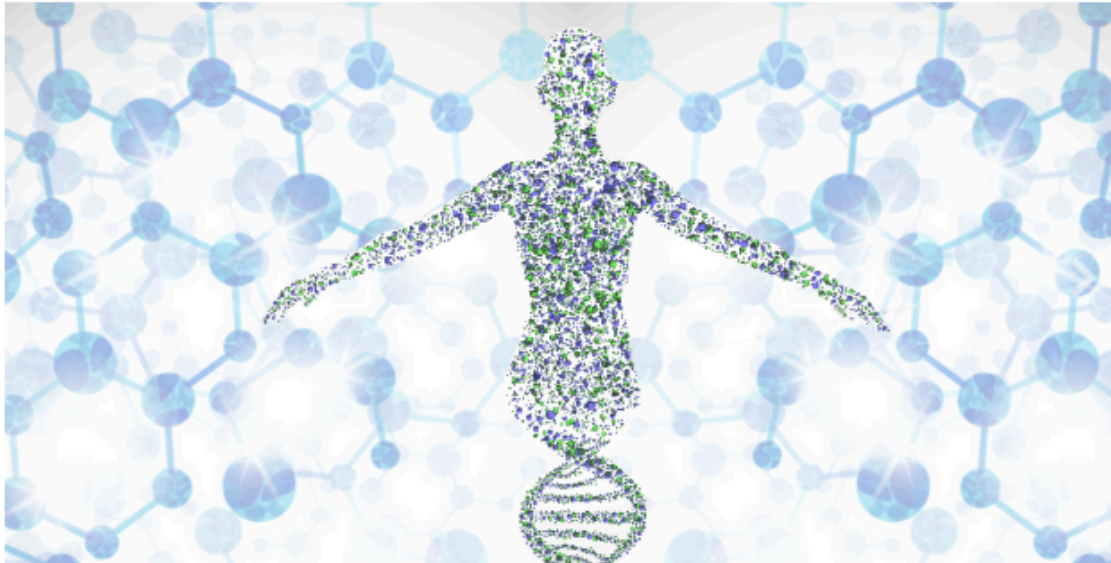
The Innovation Center for Biomedical Informatics (ICBI)
Lombardi Comprehensive Cancer Center

Thu Jan 22, 2015

email or net-id

Log In

[register now](#) | [forgot password](#)



Welcome to GDOC Plus Beta

Precision Medicine

Registration with
Georgetown Net ID (or any
other email). You will get an
email with a link that you
need to click to confirm
registration

Population genetics

Understanding Data in G-DOC Plus

It all begins with a study...

All data in G-DOC Plus derives from studies on topics such as breast cancer, wound healing, or even 1,000 Genomes. Each study may contain clinical and/or biospecimen data. Below is an overview of studies by topic.

* private studies, ones which are uploaded and marked private, are not counted here

News

October 02, 2014: ICBI Symposium 2014

[\[read\]](#)

May 02, 2014: Featured in Frontiers' Top 10
2013 Most viewed Genetics Research articles

[\[read\]](#)

March 12, 2014: AAAS Big Data Blog [\[read\]](#)

Login



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Log In

[register now](#) | [forgot password](#)



Welcome to GDOC Plus Beta!

The Georgetown Database of Cancer Plus other diseases (G-DOC Plus) is a precision medicine platform containing molecular and clinical data from thousands of patients and cell lines, along with tools for analysis and data visualization. The platform enables the integrative analysis of multiple data types to understand disease.

Precision Medicine

Translational research

Population genetics

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G-DOC Plus Launch Pad!

Welcome! The G-DOC Plus Launch Pad is your one-stop resource for learning more about G-DOC and getting started on the platform.



Studies



Lists



It All Starts Here!



G-DOC has over seventy studies, We know this can be overwhelming! Let us guide you to choose the study that is relevant for your research.

[Let's Go! >](#)



Groups



Notifications **0**

What's your area of interest?

G-DOC Plus has three overlapping entry points for the user based on their interests. Choose your area of interest to launch the workflow.



Precision Medicine

Patients' molecular diagnostics and clinical data.



Translational Research

Analytic tools and workflows to enable discovery.



Population Genetics

Race-based, genomic reporting and comparison.



Select disease/data of interest

DEMENTIA

1	30	30
<i>study</i>	<i>samples</i>	<i>biospecimen</i>

PEDIATRIC CANCERS

5	256	256
<i>studies</i>	<i>samples</i>	<i>biospecimen</i>

BREAST CANCER

25	3952	4532
<i>studies</i>	<i>samples</i>	<i>biospecimen</i>

COLON CANCER

10	1226	1262
<i>studies</i>	<i>samples</i>	<i>biospecimen</i>

LUNG CANCER

1	478	443
<i>study</i>	<i>samples</i>	<i>biospecimen</i>

MUSCULAR DYSTROPHY

1	36	36
<i>study</i>	<i>samples</i>	<i>biospecimen</i>

LIVER CANCER

3	298	468
<i>studies</i>	<i>samples</i>	<i>biospecimen</i>

CELL_LINE_COLLECTIONS

1	60	59
<i>study</i>	<i>samples</i>	<i>biospecimen</i>

OVARIAN CANCER

1	1711	564
<i>study</i>	<i>samples</i>	<i>biospecimen</i>

PROSTATE CANCER

1	465	538
<i>study</i>	<i>samples</i>	<i>biospecimen</i>

PANCREATIC CANCER

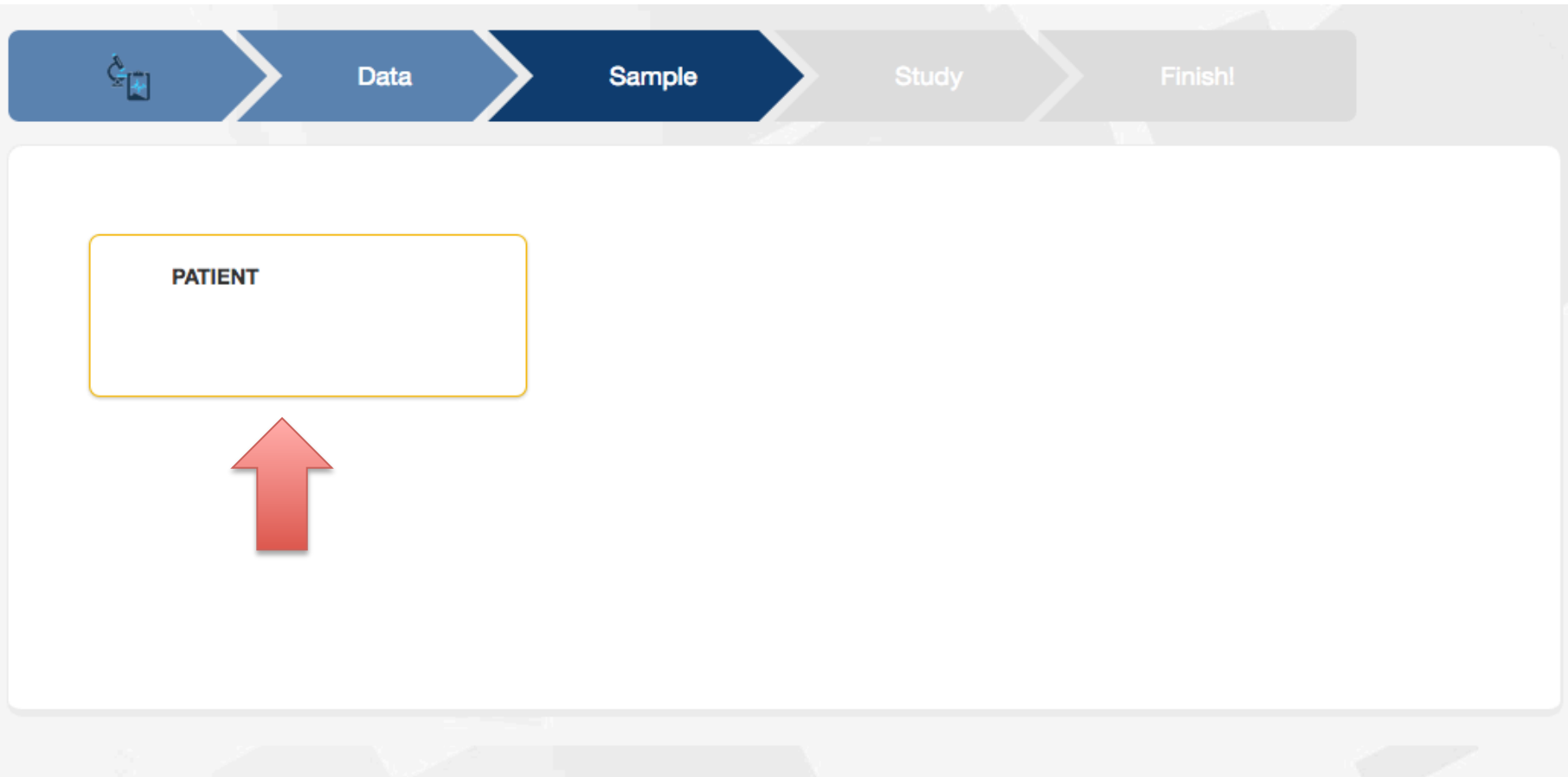
1	52	51
<i>study</i>	<i>samples</i>	<i>biospecimen</i>

BRAIN CANCER

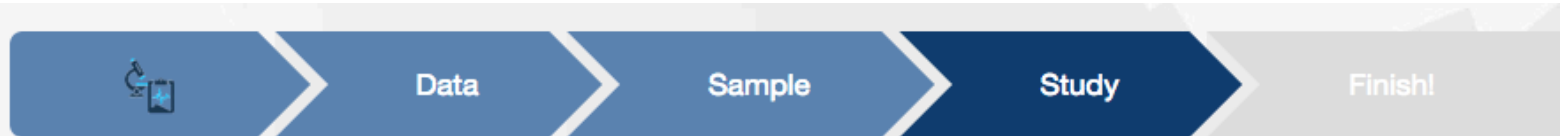
1	671	804
<i>study</i>	<i>samples</i>	<i>biospecimen</i>



Choose between patient and cell line data



Select study



REMBRANDT

Title: NCI Rembrandt Study: Molecular Analysis of Brain Neoplasia

Data Type Details:
CLINIC,MICROARRAY,COPY_NUMBER

Abstract: This is the NCI Rembrandt Study: Molecular Analysis of Brain Neoplasia. Primary brain tumors are the fourth leading cause of cancer mortality in adults under the age of 54 years and the leading cause of cancer mortality in children in the United

671
samples

804
biospecimen

[More>>](#)



Note: If you click on “More”, you will see complete description of the dataset

Study selected. Let's now create some groups

[Data](#)[Sample](#)[Study](#)[Finish!](#)

Based upon the study you picked, here is a list of tools you can use:

Analyze

- [Classification](#)
- [KM Clinical Plot](#)
- [HeatMap Viewer](#)
- [KM Gene Expression Plots](#)
- [Group Comparison](#)
- [Chromosomal Instability Index](#)

Search

- [Gene Expression Data](#)
- [Explore Clinical Data and Create Groups](#)

Explore clinical data and create groups



Explore clinical data or create groups

G-DOC[®]
Plus

HomeStudiesListsAnalysesGroupsNotificationsStudy Options ▾Help

Q

yg63 ▾

Explore Clinical Data and Create Groups

Current Study: REMBRANDT [change study?](#)

Filter [reset] tips | advanced search |

Demographics

☐ Age range ⓘ
☐ Gender ⓘ
☐ Race ⓘ

Sample details

☐ Anti convulsant status ⓘ
☐ Copy number data ⓘ
☐ Gene expression data ⓘ
[view all \(5 more ...\)](#)

Disease details

☐ Disease ⓘ

Clinical evaluation

☐ Disease evaluation by MRI ⓘ
☐ Neurologic exam score ⓘ
☐ Performance Status Score: Karnofsky ⓘ

Outcome

☐ Event indicator for overall survival ⓘ
☐ Overall survival in months ⓘ

On study therapy details

☐ On therapy Radiation site ⓘ
☐ On therapy chemo agent name ⓘ
☐ On therapy radiation type ⓘ
[view all \(3 more ...\)](#)

Subject Search

Current Split Attribute ⓘ
Event indicator for overall sur... ▾

Event indicator for overall survival	All Subjects
EVENT	47
CENSORING	93
Total	572

[View Detailed Report](#)
[Save ids as list](#)

This page allows you to explore the clinical data. This is an online shopping type of experience. Feel free to check and uncheck the boxes on the left – this will update the patient numbers in the table.

e.g. In this example you can see patients who are alive (censoring) and those who are dead (event)

View detailed clinical report

G-DOC^{Plus} Home Studies Lists Analyses Groups Notifications Study Options Help yg63

Clinical Search Results

Current Study: REMBRANDT

List Name:

Search Results

	GDOC ID	1_REMBRANDT_SAMP	AGE	ANTI	COPY	DISE	DISE	EVEN	GENE	GENE	INSTI	KARN	NEUR	ON_T	ON_T	ON_T	ON_T	ON_T	ON_T	OVER	PRIOR	PRIOR	PRIOR	PRIOR
<input type="checkbox"/>	144616	MD570013	45-49	YES	NO	-2 Def	ASTR	CENS	FEMAI	YES	M. D.	80%	-2 Def	PR - P		TUMG	GLIO8		29	temoz	CRAN	PHOT	UNC	
<input type="checkbox"/>	144610	MD548457	25-29	YES	YES	-1 Pos	ASTR	CENS	MALE	YES	M. D.	100%	0 Stab	thiog					33	CRAN	IMRT	CR		
<input type="checkbox"/>	144376	E10645	25-29	YES	YES	0 Unc	ASTR	CENS	MALE	YES	NIH N	100%	+1 Pos						5	CRAN		CR		
<input type="checkbox"/>	144375	E10622	45-49	NO	YES	0 Unc		CENS	FEMAI	NO	NIH N	90%	0 Stab			GLIO8	PR - P	CRAN	6	temoz	CRAN	PHOT	CR	
<input type="checkbox"/>	144373	E10615	45-49	NO	YES	+1 Pos	ASTR	CENS	MALE	YES	NIH N	80%	0 Stab						4	temoz	CRAN	IMRT	UNI	
<input type="checkbox"/>	144372	E10596	35-39	NO	YES	0 Unc	GBM	CENS	MALE	YES	NIH N	90%	0 Stab						1	temoz	CRAN	PHOT	CR	
<input type="checkbox"/>	144371	E10595	50-54	NO	YES	0 Unc		CENS	MALE	NO	NIH N	90%	0 Stab						2	carbo	STERE	IMRT	BX	
<input type="checkbox"/>	144368	E10540	40-44	YES	YES	+1 Pos	ASTR	CENS	MALE	YES	NIH N	90%	-1 Pos						6	temoz	CRAN	PHOT	PR	
<input type="checkbox"/>	144362	E10482	40-44	YES	NO	-2 Def	ASTR	CENS	MALE	YES	NIH N	100%	-1 Pos						5	temoz	CRAN	3D CC	PR	
<input type="checkbox"/>	144360	E10470	25-29	NO	NO	-1 Pos	OLIGC	CENS	MALE	YES	NIH N	80%	-1 Pos						12	temoz	CRAN		PR	
<input type="checkbox"/>	144356	E10362	30-34	NO	YES	+1 Pos	ASTR	CENS	FEMAI	YES	NABT	100%	0 Stab						11					
<input type="checkbox"/>	144345	E10286	30-34	NO	YES	0 Unc	ASTR	CENS	MALE	YES	UNIV	100%	0 Stab						24					
<input type="checkbox"/>	144342	E10278	25-29	YES	YES	0 Unc	OLIGC	CENS	FEMAI	YES	NABT	90%	0 Stab						6	STERE		BX		
<input type="checkbox"/>	144339	E10265	55-59	NO	YES	+2 De		CENS	MALE	NO	NABT	80%	0 Stab						19					

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COMPREHENSIVE CANCER CENTER

Georgetown University

- To save this group of patients as a list : Select all patients by checking top left checkbox in the table
- Can also export clinical table, by selecting "Export results" at the bottom left of the table.